FIG. 1

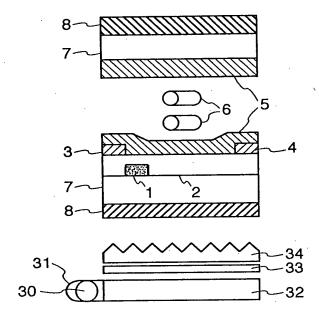


FIG. 2

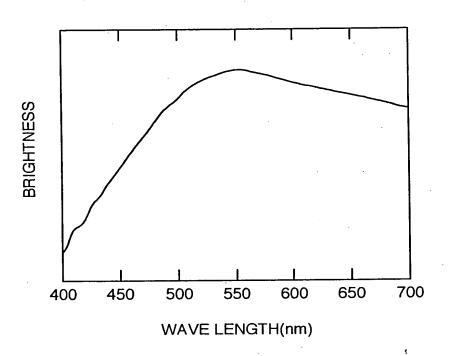


FIG. 3

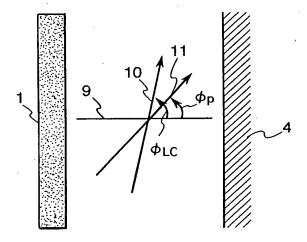
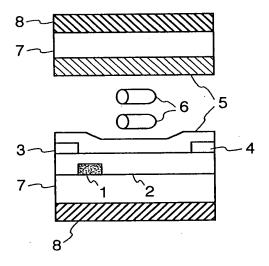


FIG. 4(a)

FIG. 4(b)



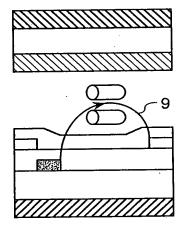
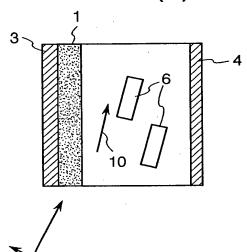


FIG. 4(c)

FIG. 4(d)



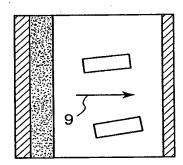


FIG. 5

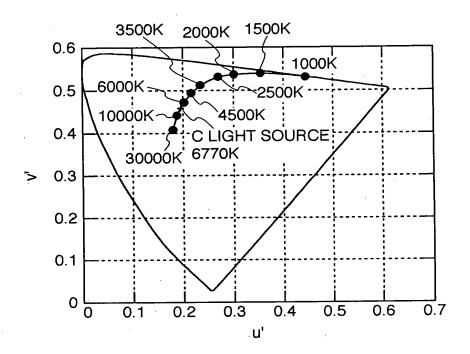


FIG. 6

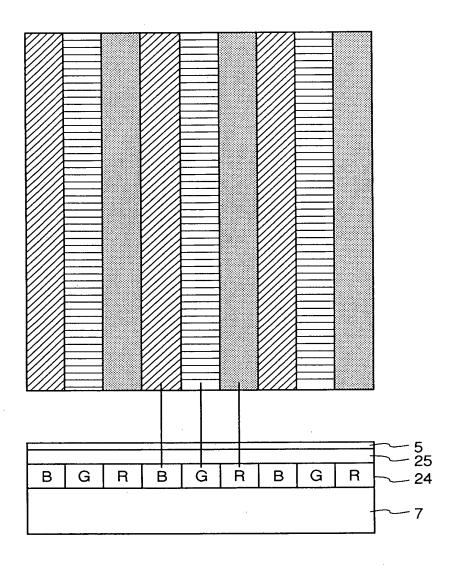


FIG. 7(a)

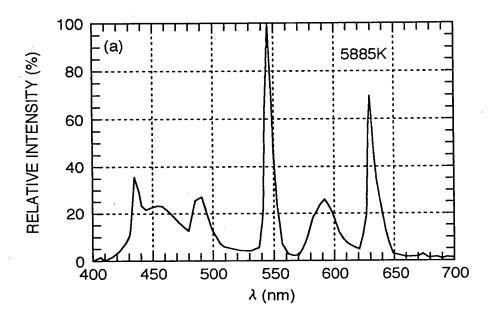


FIG. 7(b)

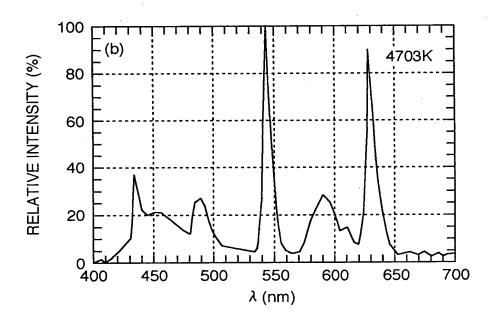


FIG. 8(a)

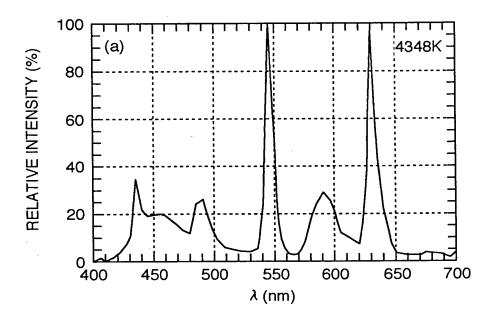


FIG. 8(b)

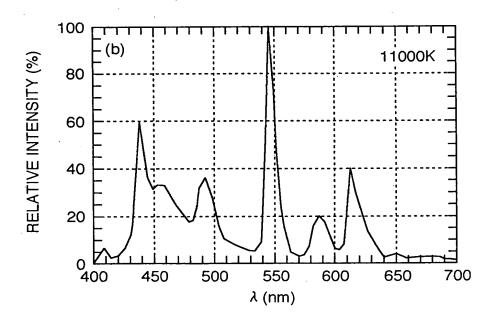


FIG. 9(a)

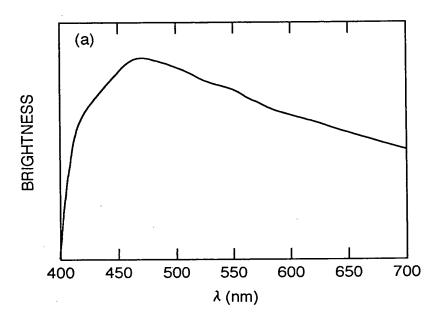


FIG. 9(b)

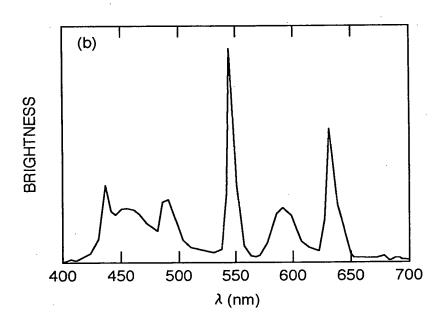


FIG. 10

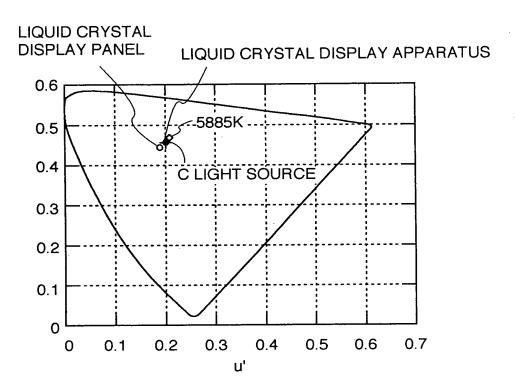


FIG. 11A

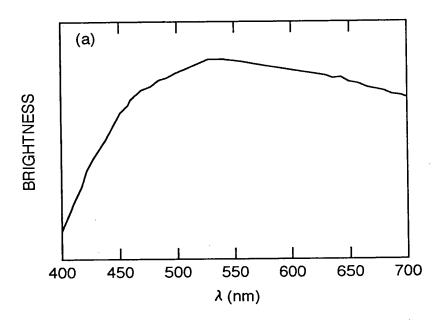


FIG. 11B

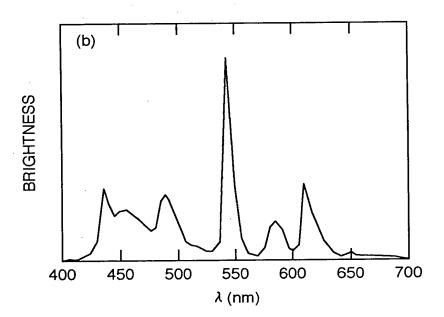


FIG. 12

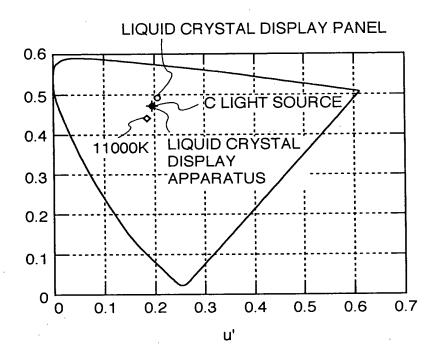


FIG. 13A

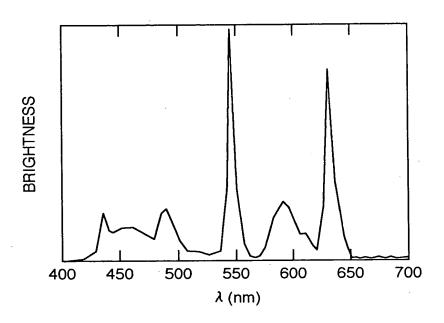


FIG. 13B

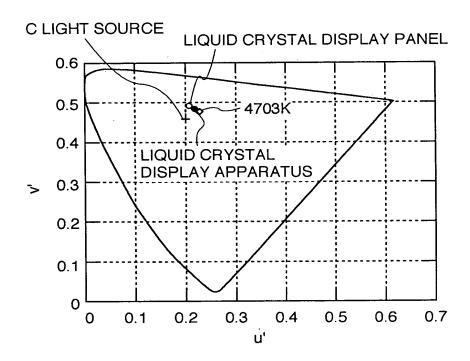


FIG. 14A

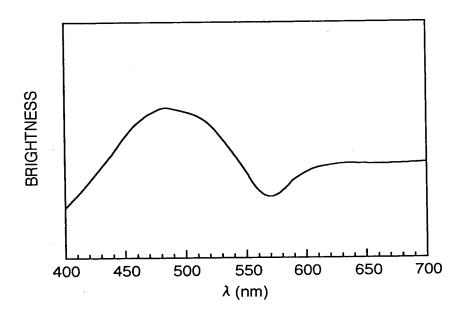


FIG. 14B

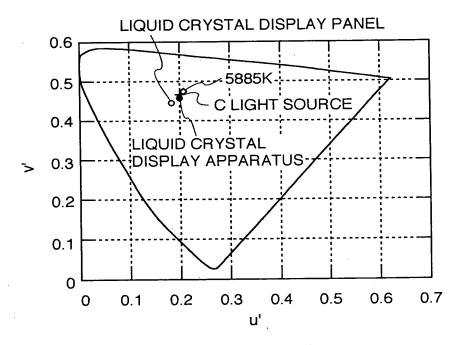


FIG. 15

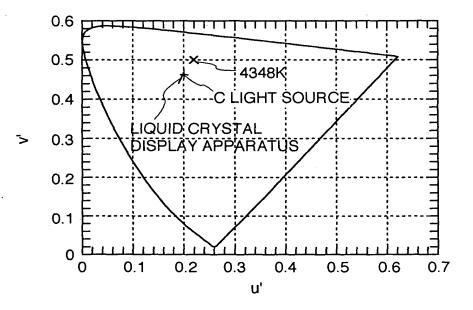


FIG. 16

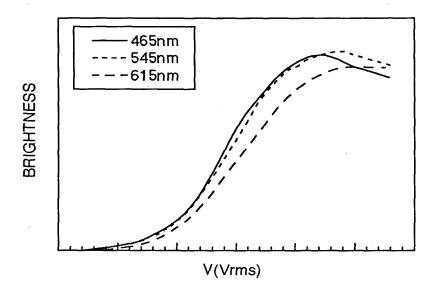


FIG. 17

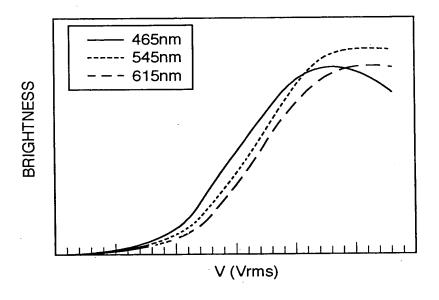


FIG. 18

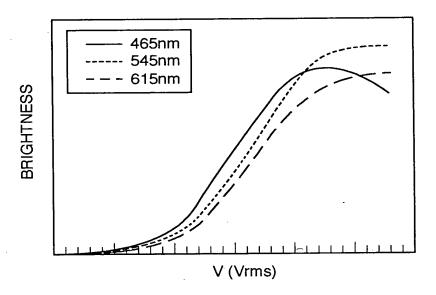
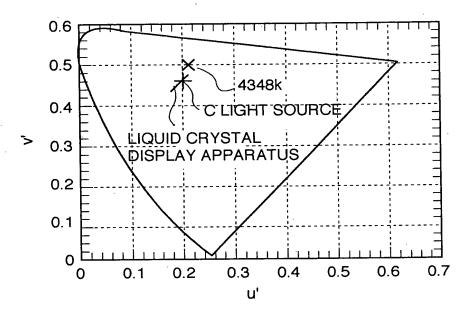
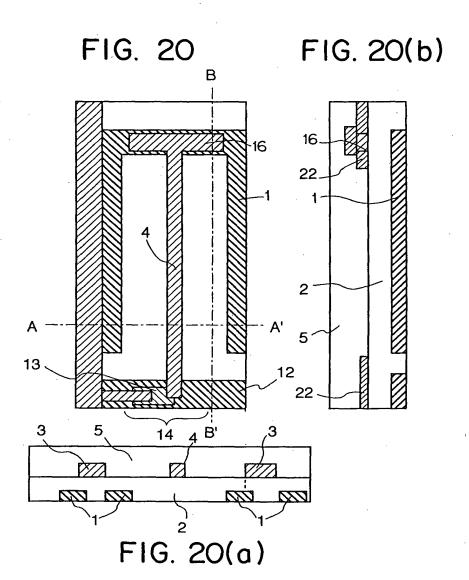
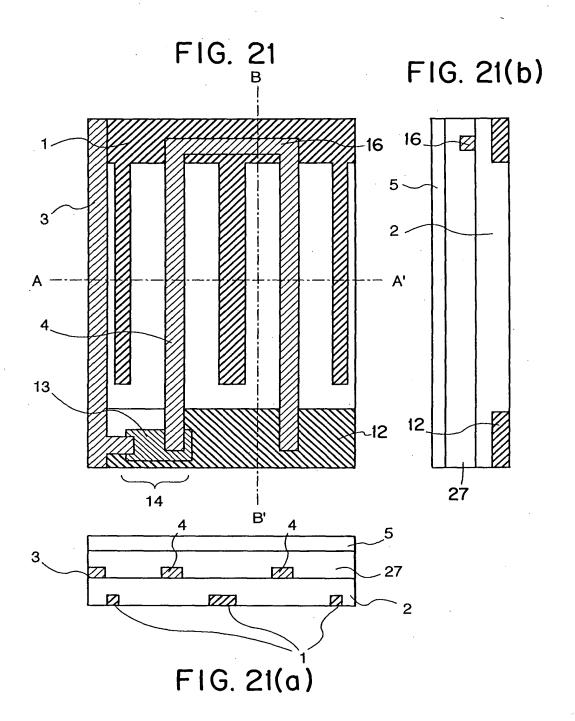


FIG. 19







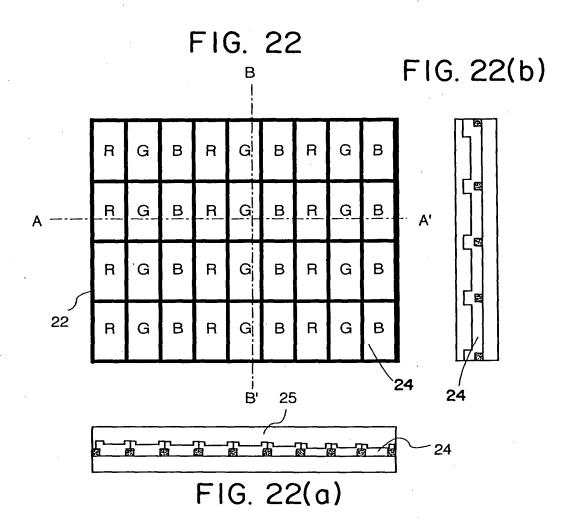


FIG. 23

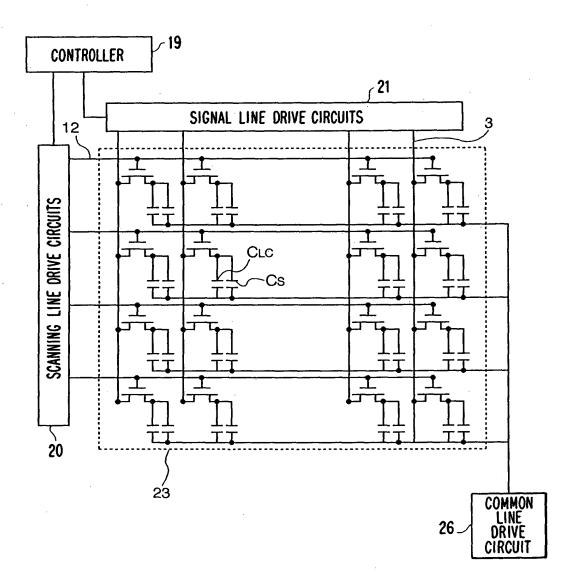


FIG. 24

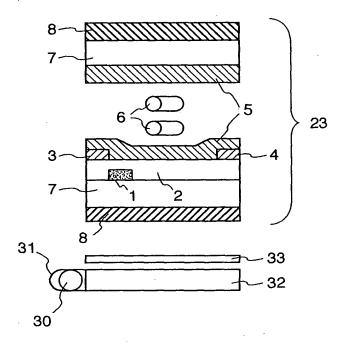


FIG. 25

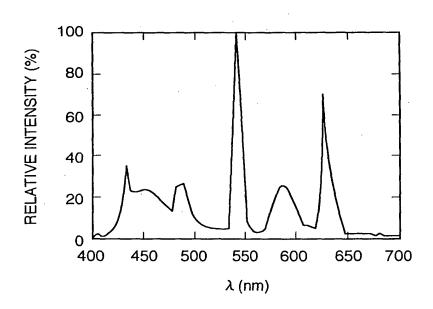


FIG. 26

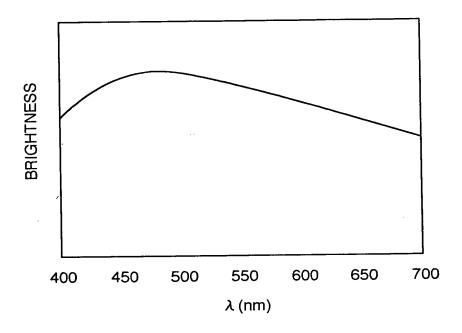


FIG. 27

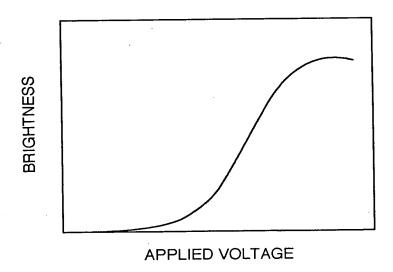


FIG. 28

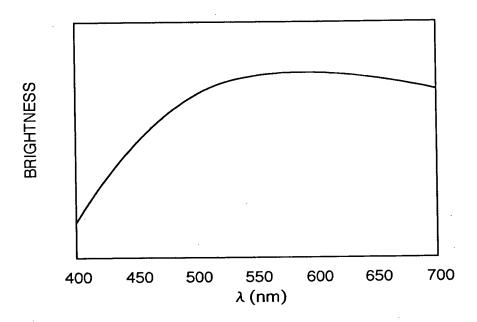


FIG. 29

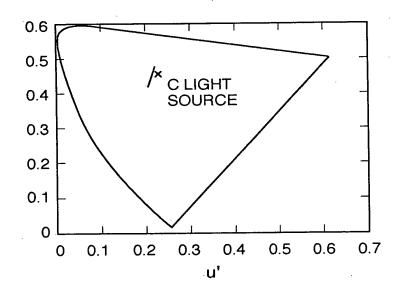


FIG. 30

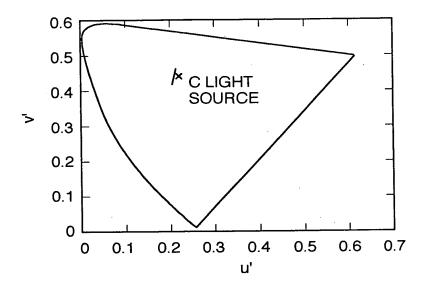


FIG. 31

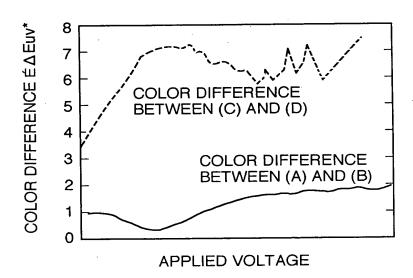
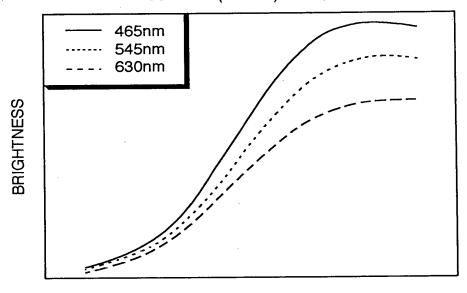


FIG.32

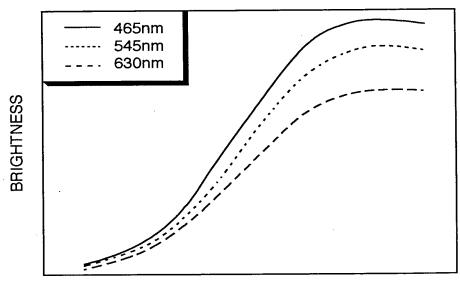
EMBODIMENT A deff \cdot Δ n(490nm)=0.21 μ m



APPLIED VOLTAGE

FIG.33

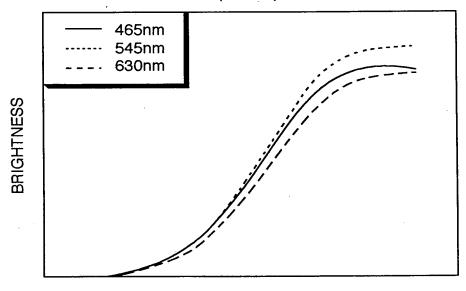
EMBODIMENT B deff • Δ n(490nm)=0.23 μ m



APPLIED VOLTAGE

FIG.34

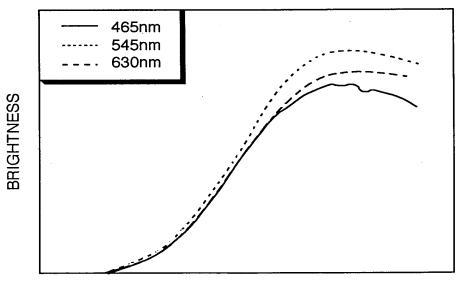
EMBODIMENT C deff • Δ n(490nm)=0.33 μ m



APPLIED VOLTAGE

FIG.35

EMBODIMENT D deff • Δ n(490nm)=0.33 μ m



APPLIED VOLTAGE

FIG. 36

